

Abstract

The at least one rotating component (16, 18), disposed in the housing (10, 12), is supported radially and/or axially in the housing (10, 12); the housing (10, 12) comprises lightweight metal, in particular aluminum or an aluminum alloy, and at least a part (10, 12) of the housing at least partly forms the bearing of the at least one component (16, 18). At least in the region of the bearing for the at least one component (16, 18), the at least one housing part (10, 12) is provided with a coating (50) of a nickel alloy, which on its surface has an at least substantially plane microstructure.